

- ◆ The HBCUs selected with certainty were redefined to include 28 from the 1990 list,<sup>2</sup> plus all of the new institutions selected with certainty in 1992. This meant that a total of 33 HBCUs was selected with certainty and 12 others were selected with probability proportionate to size.

Of the 314 sampled institutions, 5 nondoctorate-granting institutions were later determined to be out of scope, since they reported no S&E research space. The exclusion of these out-of-scope institutions reduced the sample to 309.

The sample design for the 1994 survey is summarized in Table A-2. (See Appendix B for a list of sampled institutions.)

Table A-2. Number of institutions in the 1990, 1992, and 1994 samples of research performing universities and colleges

Institution type	Non-HBCUs									HBCUs <sup>1</sup>		
	Total			Public			Private					
	1990	1992	1994	1990	1992	1994	1990	1992	1994	1990	1992	1994
<b>Total</b> .....	224	257	265	138	157	161	86	100	104	29	46	44
Doctorate-granting .....	173	175	177	115	117	117	58	58	60	3	5	8
Top 100 in research expenditures .....	98	100	100	67	69	70	31	31	30	0	0	0
Other .....	75	75	77	48	48	47	27	27	30	3	5	8
Nondoctorate-granting ...	51	82 <sup>2</sup>	88	23	40	44	28	42	44	26	41	36

<sup>1</sup> HBCU refers to Historically Black Colleges and Universities.

<sup>2</sup> Sample initially included nine other institutions that were later classified as out of scope of the study.

SOURCE: National Science Foundation/SRS, 1990, 1992, and 1994 Survey of Scientific and Engineering Research Facilities at Universities and Colleges

## The Survey Questionnaire

The 1994 survey questionnaire, which is reproduced in Appendix C, updated information collected during earlier (1988, 1990, and 1992) surveys regarding several topics:

- ◆ The total net assignable square feet (NASF) of space in S&E fields, and the NASF used for organized research;
- ◆ The total amount of space in all non-science fields, and an overall space total across all academic fields;

<sup>2</sup> One of the 29 HBCUs selected with certainty in 1990 was excluded because it had no current funded R&D at the time the sample was taken.